



## PRO8PS Rotary Swaged & Compacted Wire Rope

### 8 Outer Strands, Non-Rotation Resistant Wire Rope

This rope has eight outer strands which are rotary swaged and compacted for superior crush resistance on multi-layer drums. It has a plastic coated core between the outer strands and inner core to increase the stability of the rope structure. The high tensile strength of this rope and superior crush resistance on multi-layer drums makes it an excellent rope for crawler cranes, tower cranes, lattice boom cranes, and port cranes. This rope should be used in applications where both ends of the wire rope are secured to prevent rotation.

8mm to 12mm - 8x19S (9+9+1) Load bearing outer wires 152

1/2" to 32mm - 8x26WS (10+(5+5)+5+1) Load bearing outer wires 208

34 to 48mm - 8x31WS (12+(6+6)+6+1) Load bearing outer wires 248

Fill factor 0.71

Use of swivel **NOT** permitted.

| Diameter | Weight per Foot Pounds | Finish            | Grade Tensile          | Wesco Stock Code                   | Minimum Strength Pounds | Minimum Strength kN |
|----------|------------------------|-------------------|------------------------|------------------------------------|-------------------------|---------------------|
| 8mm      | 0.22                   | Bright Galvanized | 2160 N/mm <sup>2</sup> | M080PRO8PSA121R<br>M080PRO8PSB121* | 14,610                  | 65.0                |
| 9mm      | 0.28                   | Galvanized        | 2160 N/mm <sup>2</sup> | M090PRO8PSB121*                    | 18,250                  | 81.2                |
| 3/8"     | 0.32                   | Galvanized        | 2160 N/mm <sup>2</sup> | M095PRO8PSB121R                    | 20,340                  | 90.5                |
| 10mm     | 0.35                   | Galvanized        | 2160 N/mm <sup>2</sup> | M100PRO8PSB121*                    | 22,710                  | 101.0               |
| 11mm     | 0.42                   | Bright            | 2160 N/mm <sup>2</sup> | M110PRO8PSA121*                    | 27,650                  | 123.0               |
| 12mm     | 0.50                   | Bright            | 2160 N/mm <sup>2</sup> | M120PRO8PSA121R                    | 32,370                  | 144.0               |
| 1/2"     | 0.56                   | Bright            | 2160 N/mm <sup>2</sup> | M127PRO8PSA121R                    | 36,420                  | 162.0               |
| 13mm     | 0.58                   | Galvanized        | 2160 N/mm <sup>2</sup> | M130PRO8PSB121*                    | 38,220                  | 170.0               |
| 14mm     | 0.68                   | Galvanized        | 2160 N/mm <sup>2</sup> | M140PRO8PSB121*                    | 44,290                  | 197.0               |
| 15mm     | 0.77                   | Galvanized        | 2160 N/mm <sup>2</sup> | M150PRO8PSB121R                    | 50,810                  | 226.0               |
| 16mm     | 0.89                   | Galvanized        | 2160 N/mm <sup>2</sup> | M160PRO8PSB121*                    | 58,000                  | 258.0               |
| 18mm     | 1.12                   | Galvanized        | 2160 N/mm <sup>2</sup> | M180PRO8PSB121R                    | 73,510                  | 327.0               |
| 19mm     | 1.24                   | Galvanized        | 2160 N/mm <sup>2</sup> | M190PRO8PSB121*                    | 81,600                  | 363.0               |
| 20mm     | 1.38                   | Galvanized        | 2160 N/mm <sup>2</sup> | M200PRO8PSB121R                    | 90,370                  | 402.0               |
| 22mm     | 1.67                   | Galvanized        | 2160 N/mm <sup>2</sup> | M220PRO8PSB121R                    | 109,480                 | 487.0               |
| 24mm     | 1.99                   | Galvanized        | 2160 N/mm <sup>2</sup> | M240PRO8PSB121R                    | 130,160                 | 579.0               |
| 25mm     | 2.16                   | Galvanized        | 2160 N/mm <sup>2</sup> | M250PRO8PSB121R                    | 141,630                 | 630.0               |
| 1"       | 2.22                   | Galvanized        | 2160 N/mm <sup>2</sup> | M254PRO8PSB121R                    | 146,800                 | 653.0               |
| 26mm     | 2.33                   | Galvanized        | 2160 N/mm <sup>2</sup> | M260PRO8PSB121R                    | 152,870                 | 680.0               |
| 28mm     | 2.71                   | Galvanized        | 2160 N/mm <sup>2</sup> | M280PRO8PSB121R                    | 177,150                 | 788.0               |
| 1-1/8"   | 2.83                   | Galvanized        | 2160 N/mm <sup>2</sup> | M286PRO8PSB121R                    | 185,020                 | 823.0               |
| 32mm     | 3.54                   | Galvanized        | 2160 N/mm <sup>2</sup> | M320PRO8PSB121R                    | 231,550                 | 1,030.0             |
| 36mm     | 4.48                   | Galvanized        | 2160 N/mm <sup>2</sup> | M360PRO8PSB121R                    | 293,150                 | 1,304.0             |

\* Available in Left and Right Hand Lay. Sub in 'R' for Right Hand or 'L' for Left Hand at end of code.